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09/332244  
06/11/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Michael D. Ellis, William L. Thomas, and  
Thomas R. Lemmons

Serial No. : Not Yet Assigned

Filed : Concurrently Herewith

For : CLIENT-SERVER BASED INTERACTIVE TELEVISION  
PROGRAM GUIDE SYSTEM WITH REMOTE SERVER  
RECORDING

Group Art Unit :

Examiner :

Hon. Assistant Commissioner  
for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,  
applicants wish to call the attention of the Examiner to the  
following documents:

U.S. Patents

George et al.	U.S. Pat. No. 4,355,415	(10/19/82)
Chard	U.S. Pat. No. 4,605,964	(8/12/86)
Harvey et al.	U.S. Pat. No. 4,694,490	(9/15/87)
Hayes	U.S. Pat. No. 4,718,107	(1/5/88)
Welsh	U.S. Pat. No. 4,857,999	(8/15/89)
Kinghorn	U.S. Pat. No. 4,908,707	(3/13/90)
Vogel	U.S. Pat. No. 4,930,158	(5/29/90)
Duffield et al.	U.S. Pat. No. 4,959,720	(9/25/90)
Young	U.S. Pat. No. 4,977,455	(12/11/90)
Ando	U.S. Pat. No. 5,109,279	(4/28/92)
Mankovitz	U.S. Pat. No. 5,134,719	(7/28/92)
Bradley et al.	U.S. Pat. No. 5,172,413	(12/15/92)
Bronfin et al.	U.S. Pat. No. 5,200,822	(4/6/93)

Vogel	U.S. Pat. No. 5,253,066	(10/12/93)
Harvey et al.	U.S. Pat. No. 5,335,277	(8/2/94)
Hoarty	U.S. Pat. No. 5,412,720	(5/2/95)
Blahut et al.	U.S. Pat. No. 5,442,389	(8/15/95)
Hoarty	U.S. Pat. No. 5,485,197	(1/16/96)
Dunn et al.	U.S. Pat. No. 5,517,257	(5/14/96)
Clanton, III et al.	U.S. Pat. No. 5,524,195	(6/4/96)
Blahut et al.	U.S. Pat. No. 5,539,449	(7/23/96)
Klosterman	U.S. Pat. No. 5,550,576	(8/27/96)
Baker et al.	U.S. Pat. No. 5,583,561	(12/10/96)
Wanderscheid et al.	U.S. Pat. No. 5,583,563	(12/10/96)
Lawler et al.	U.S. Pat. No. 5,585,838	(12/17/96)
Harper et al.	U.S. Pat. No. 5,585,858	(12/17/96)
Knee et al.	U.S. Pat. No. 5,589,892	(12/31/96)
Wanderscheid et al.	U.S. Pat. No. 5,602,582	(2/11/97)
Aristides et al.	U.S. Pat. No. 5,630,119	(5/13/97)
Dunn et al.	U.S. Pat. No. 5,648,824	(7/15/97)
Matthews, III	U.S. Pat. No. 5,654,748	(8/5/97)
Zereski, Jr. et al.	U.S. Pat. No. 5,654,886	(8/5/97)
Aristides et al.	U.S. Pat. No. 5,657,072	(8/12/97)
Thomas et al.	U.S. Pat. No. 5,666,645	(9/9/97)
Klosterman	U.S. Pat. No. 5,684,525	(11/4/97)
Harrison	U.S. Pat. No. 5,694,163	(12/2/97)
Janin et al.	U.S. Pat. No. 5,717,452	(2/10/98)
Clanton, III et al.	U.S. Pat. No. 5,745,710	(4/28/98)
Girard et al.	U.S. Pat. No. 5,751,282	(5/12/98)
Faust et al.	U.S. Pat. No. 5,752,159	(5/12/98)
Epperson et al.	U.S. Pat. No. 5,754,771	(5/19/98)
Ellis et al.	U.S. Pat. No. 5,760,821	(6/2/98)
Stumm	U.S. Pat. No. 5,768,528	(6/16/98)
Cathey et al.	U.S. Pat. No. 5,778,182	(7/7/98)
Sheehan	U.S. Pat. No. 5,781,226	(7/14/98)
Davis et al.	U.S. Pat. No. 5,796,952	(8/18/98)
Karlton et al.	U.S. Pat. No. 5,802,284	(9/1/98)
Lawler et al.	U.S. Pat. No. 5,805,763	(9/8/98)
Laursen et al.	U.S. Pat. No. 5,805,804	(9/8/98)
Rowe et al.	U.S. Pat. No. 5,812,123	(9/22/98)
Howe et al.	U.S. Pat. No. 5,818,438	(10/6/98)
Nelson	U.S. Pat. No. 5,819,019	(10/6/98)
Klosterman	U.S. Pat. No. 5,828,945	(10/27/98)

#### Foreign Patents

PCT Patent App. Publ. No.	WO 88/04507	(6/16/88)
PCT Patent App. Publ. No.	WO 96/34491	(10/31/96)
PCT Patent App. Publ. No.	WO 97/13368	(4/10/97)
PCT Patent App. Publ. No.	WO 97/46943	(12/11/97)
PCT Patent App. Publ. No.	WO 97/47124	(12/11/97)
PCT Patent App. Publ. No.	WO 99/03267	(1/21/99)

### Other Documents

Hofmann, Neumann, Oberlies, and Schadwinkel, "Videotext Programmiert Videorecorder," Rundfunktechnische Mitteilungen, Nov.-Dec. 1982, pp. 254-57.\*

"Electronic Programme Guide (EPG); Protocol for a TV Guide using electronic data transmission," by European Telecommunication Standards Institute, May 1997, Valbonne, France, publication no. ETS 300 707.

"Windows 98 Feature Combines TV, Terminal and the Internet," New York Times, August 18, 1998.

"Digital Video Broadcasting (DVB); DVB specification for data broadcasting", European Telecommunications Standards Institute, Draft EN 301 192 V1.2.1 (1999-01).

Rewind, replay and unwind with new high-tech TV devices," by Lawrence J. Magid, LA Times. This document was printed from the Internet on June 6, 1999 and bears a date of May 19, 1999.

These documents are listed on the accompanying Form PTO-1449 (submitted in duplicate) and copies are enclosed herewith.

Applicants also wish to bring to the attention of the Examiner the following pending provisional U.S. patent applications:

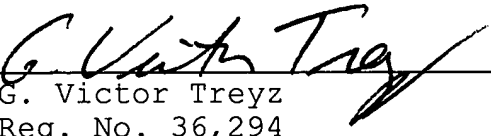
Boyer et al.	Serial No. 60/032,539, filed December 10, 1996
Knudson et al.	Serial No. 60/088,888, filed June 11, 1998
Lemmons et al.	Serial No. 60/089,487, filed June 16, 1998
Ellis	Serial No. 60/093,862, filed July 23, 1998

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\* Translation attached.

Consideration of the foregoing in relation to this  
patent application is respectfully requested.

Respectfully submitted,

  
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